

ABSTRACT OF THE DISCLOSURE

A projection system including an adjusting part, a scrolling part, and a color separating part is provided. The adjusting part adjusts the divergence angle of light emitted from a light source. The scrolling part scrolls a plurality of color bars on a light valve. The color separating part separates an incident beam, emitted from the light source and transmitted by the scrolling part, into a plurality of color beams. The adjusting part, the scrolling part, and the color separating part are sequentially arranged from the light source. Since beams of individual colors travel along a single path, the number of required optical components is reduced, thereby making the projection system compact.